

Material Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 04 August 2015



Revision: 4 August 2015

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1 Identification of the substance/preparation and of the company/undertaking

Trade name: ***Linelube Engine Oil Synthetic 5w30 C3***

Relevant identified uses of the substance or mixture and uses advised against:

- Use of the substance/mixture: Vehicle Engine Oil.
- Use advised against: Do not use in any other application

Supplier:

Online Lubricants Ltd.
Unit 20, The io Centre, Barking, London IG11 0DR
UK Tel. +44 (0) 208 507 0123

In case of emergency: +44 (0) 208 507 0123

2 Hazards identification

2.1 Classification of the substance or mixture

- CLP: Not Classified
- CHIP: Not hazardous according to current CHIP Regulations
- Signal Word: None Required.

2.2 Label elements

- Hazard phrases Not Classified
- Precautionary Phrases None assigned

2.3 Other hazards

- A petroleum product. DMSO extract < 3 Weight % (IP 346). The classification as a carcinogen need not apply if it can be shown that the substance contains less than 3 % DMSO extract as measured by IP 346. This note applies only to certain complex oil derived substances. (1272/2008/EC ("CLP"), Annex VI, Note L)

3 Composition / Information on ingredients

3.1 Mixtures

- ZINC ALKYL DITHIOPHOSPHATE

CAS Number:
EC Number: 272-028-3
REACH Registration Number:
Concentration: 1-10%
H Phrases: H315, H318, H411

- Lubricating oils (petroleum), Baseoil - unspecified

CAS Number: 72623-87-1
EC Number: 276-738-4
REACH Registration Number: Not Available.
Concentration: 90-100%
H Phrases: Not Applicable

4 First-aid measures

4.1 Description of first aid measures

- **Inhalation:** Do not breathe dust or vapour.
- **Contact with eyes:** Irritating to eyes.
- **Contact with skin:** Irritating to skin. Remove contaminated clothing. Wash off immediately with plenty of soap and water. Seek medical attention if irritation or symptoms persist.
- **Ingestion:** Ingestion may cause nausea and vomiting.

This safety data sheet serves to complement but not to replace the technical product sheets. The information contained herein is given in good faith and is accurate to the best of knowledge at the date indicated above. It is understood by the user that any use of the product for purposes other than those for which it was designed entails potential risk. The information given herein in no way dispenses the user from knowing and applying all provisions regulating his activity. The user bears sole liability for the precautions required when using the product. The regulatory texts indicated herein are intended to aid the user to fulfil his obligations. This list is not to be considered complete and exhaustive. It is the user's responsibility to ensure that he is subject to no other obligations than those mentioned.

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4.2 Most important symptoms and effects, both acute and delayed

- **Ingestion:** May cause discomfort if swallowed.
- **Skin contact:** Slightly irritating.
- **Eye contact:** May cause temporary eye irritation.

4.3 Indication of any immediate medical attention and special treatment needed

- **Eye contact:** Rinse immediately with plenty of water. Seek medical attention if irritation or symptoms persist.
- **Skin contact:** Wash with soap and water.
- **Ingestion:** If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

5 Fire Fighting Measures

5.1 Extinguishing media

- Use an extinguishing agent suitable for the surrounding fire. Carbon oxides. Carbon dioxide (CO₂). Sand.

5.2 Special hazards arising from the substance or mixture

- Burning produces irritating, toxic and obnoxious fumes. Do not allow runoff water to enter sewers or drains.

5.3 Advice for firefighters

- Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents. - Do not use water Jet

6 Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

- Wear protective clothing as per section 8

6.2 Environmental Precautions

- Do not allow to enter public sewers and watercourses

6.3 Methods and material for containment and cleaning up

- Absorb with inert, absorbent material. Sweep up. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.

6.4 Reference to other sections - See Section 8

7 Handling and Storage

7.1 Precautions for safe handling

- Adopt best Manual Handling considerations when handling, carrying and dispensing. Temperature: 0- 50°C. - P202 - Do not handle until all safety precautions have been read and understood.

7.2 Conditions for safe storage, including any incompatibilities

- Store in cool, well-ventilated area. Keep container tightly closed.
- P412 - Do not expose to temperatures exceeding 50°C/ 122°F.

7.3 Specific end use(s) - See Section 1

8 Exposure controls/personal protection

8.1 Control parameters

- Lubricating oils; Baseoil - unspecified
 - WEL (long term) 5 mg/m³
 - WEL (short term) 10 mg/m³
- ### 8.2 Exposure controls

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- Chemical resistant gloves (PVC).
- Ensure adequate ventilation of the working area.
- Wear approved safety goggles.
- Wear chemical protective clothing.

9 Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

- Appearance: Liquid, amber
- Odour: Mild
- Freezing point/Range: <-45 °C
- Boiling Point/Range: >150 °C
- Flashpoint: 212 °C
- Oxidising Properties: Not considered oxidising
- Explosive Properties: Considered stable under normal conditions
- Autoignition Temperature >300
- Vapour Pressure: - not applicable
- Density: 0.8483
- Viscosity: 160
- Solubility in water: Insoluble in water.

9.2 Other information

- The figures in this section are for guidance only please always use them in conjunction with the technical data sheet.

10 Stability and Reactivity

10.1 Reactivity - No hazardous reactions known if used for its intended purpose

10.2 Chemical stability - Considered stable under normal conditions

10.3 Possibility of hazardous reactions - No hazardous reactions known if used for its intended purpose

10.4 Conditions to avoid - P412 - Do not expose to temperatures exceeding 50°C/ 122°F.

10.5 Incompatible materials - Incompatible with strong oxidizing substances

10.6 Hazardous Decomposition Products - Decomposition products may include carbon oxides

11 Toxicological Information

11.1 Information on toxicological effects

- Lubricating oils; Baseoil - unspecified:
 - Inhalation Rat LC50/30min: >5.53
 - Dermal Rat LD50: >2000
 - Oral Rat LD50: >5000

12 Ecological Information

12.1 Toxicity

- No information available

12.2 Persistence and degradability

- May cause long-term adverse effects in the environment.

12.3 Bioaccumulation Potential

- Bioaccumulation is unlikely to be significant because of the low water solubility of this product.

12.4 Mobility in soil

- Insoluble in water. Floats on water. Absorbed only slowly into soil.

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12.5 Results of PBT and vPvB assessment

- Not a PBT according to REACH Annex XIII 12.6 Other Adverse Effects - Information given is based on data on the components and the toxicology of similar products.

13 Disposal Considerations

13.1 Waste treatment methods

- Disposal should be in accordance with local, state or national legislation
- Waste Code : 13 XX XX OIL WASTES AND WASTES OF LIQUID FUELS (except edible oils, and those in chapters 05, 12 and 19) Code given as a guidance only it could vary from different products and the way they were used.
- We recycle 205L and 1000L packaging.

14 Transport Information

- 14.1 UN Number: Not applicable
- 14.2 UN Proper Shipping Name - Proper Shipping Name: Not applicable
- 14.3 Transport hazard class(es) - Hazard Class: Not applicable
- 14.4 Packing group - Packing Group: Not applicable
- 14.5 Environmental hazards - Not Classified
- 14.6 Special precautions for user - Not Classified
- 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code - Not Classified

15 Regulatory Information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

- Supply regulations:

DPD: Dangerous Preparations Directive;

GHS: Globally Harmonised System of classification and labelling of chemicals;

CLP: Classification, Labelling and Packaging regulations. Transport regulations:

CDG: Carriage of Dangerous Goods regulations; ADR/RID/IMDG/ICAO/IATA regulations.

15.2 Chemical Safety Assessment

- A chemical safety assessment (CSA) for this product has not yet been completed

16 Other Information

Text not given with phrase codes where they are used elsewhere in this safety data sheet:

H315: Causes skin irritation.

H318: Causes serious eye damage.

H411: Toxic to aquatic life with long lasting effects.